

Abstract

The present invention relates to an electrical connector assembly capable of achieving a high-precision fit starting with fairly rough positioning, the assembly consisting of
5 a first connector which is equipped with multiple substrates secured in an array and a second connector which is equipped with female terminals and mates with the first connector. The electrical connector has a rough guide mechanism (first guides and second guides as well as first complementary guides
10 and second complementary guides) which guides a mating between the first connector and the second connector relatively roughly at an initial stage of mating, and a precision guide mechanism (chamfers on substrates and corresponding tapers on a housing of the second connector) which guides the mating
15 between the first connector and the second connector relatively precisely at an advanced stage of mating.